FIG.1

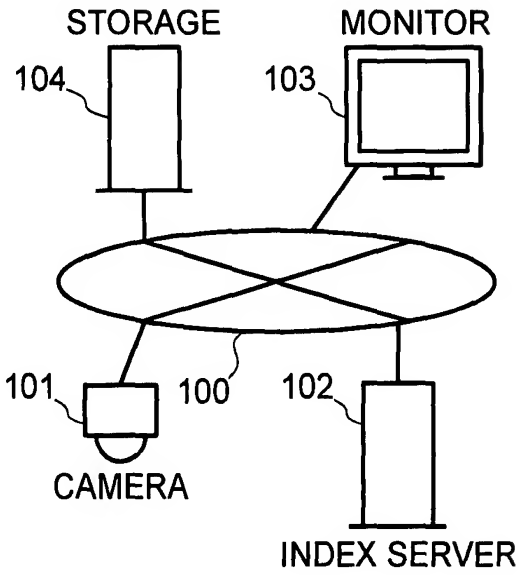


FIG.2

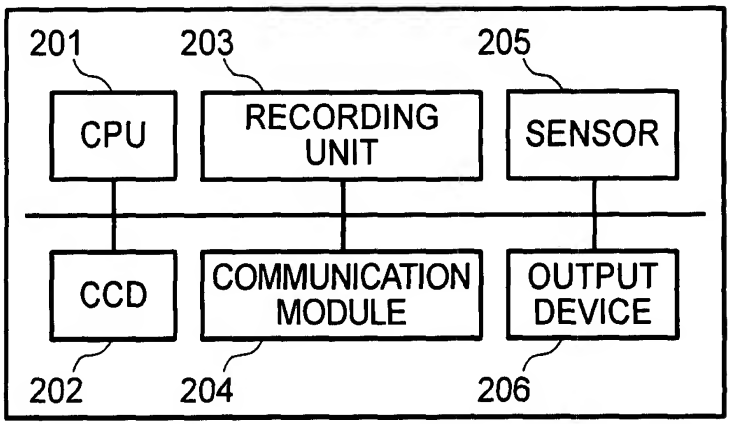


FIG.7

701	CAMERA ID	1000000000001
702	OWNER ID	1000000001
703	LATITUDE	yyy/yy/yy
704	LONGITUDE	xxx/xx/xx
705	ZIP CODE	zzz-zzzz
706	ROAD ID	100000001
707	ROAD POSITION	xxxxxxxx cm
708	URL	uuu.uuu.uuu.uuu

FIG.8

801	CAMERA ID	1000000000001
802	LATITUDE	yyy/yy/yy
803	LONGITUDE	xxx/xx/xx
804	ZIP CODE	zzz-zzzz
805	ROAD ID	100000001
806	ROAD POSITION	xxxxxxxx cm
807	URL	uuu.uuu.uuu.uuu

FIG.3

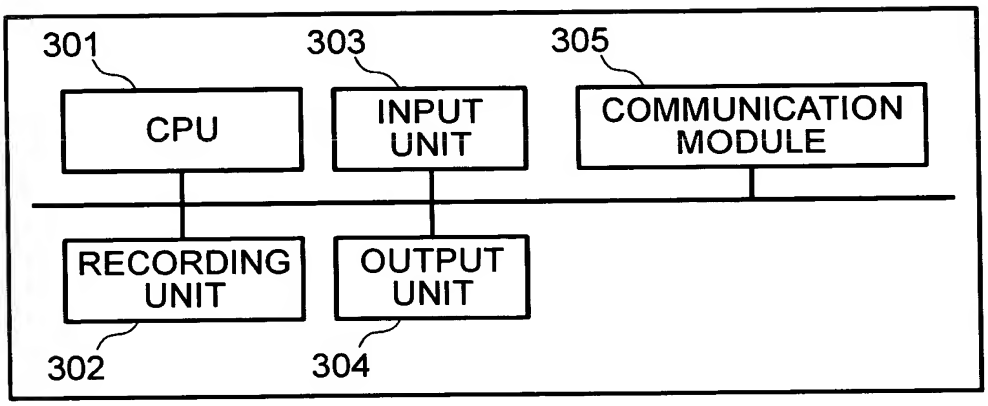


FIG.4

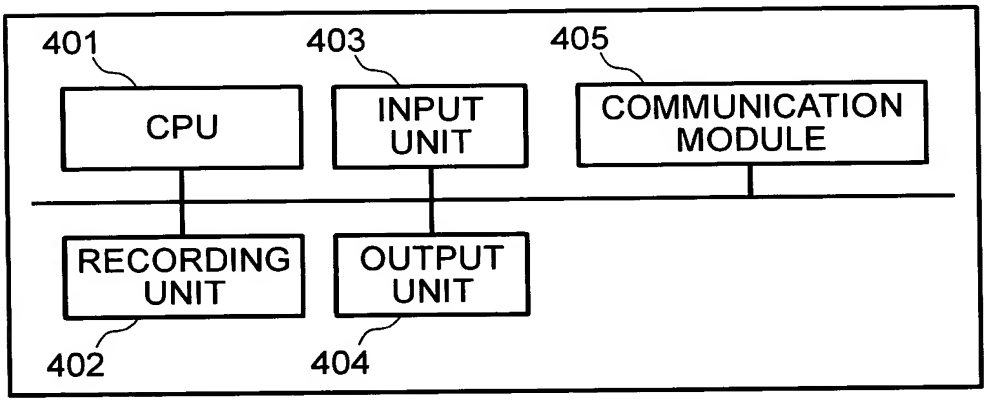


FIG.5

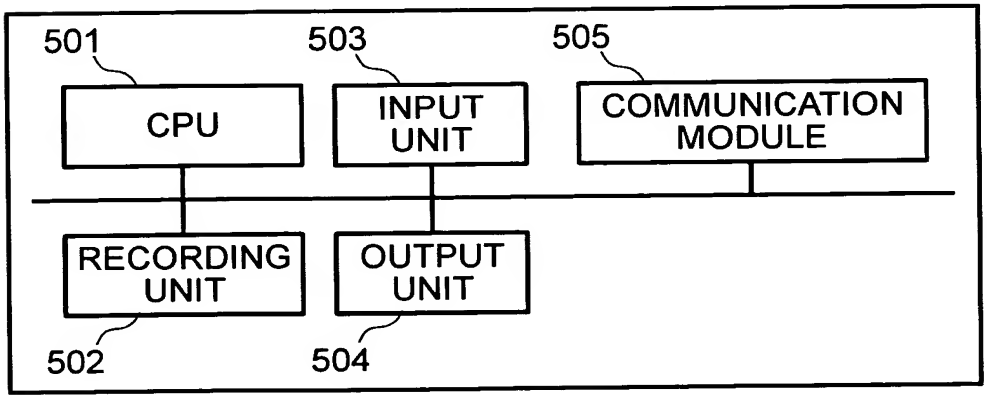


FIG.6

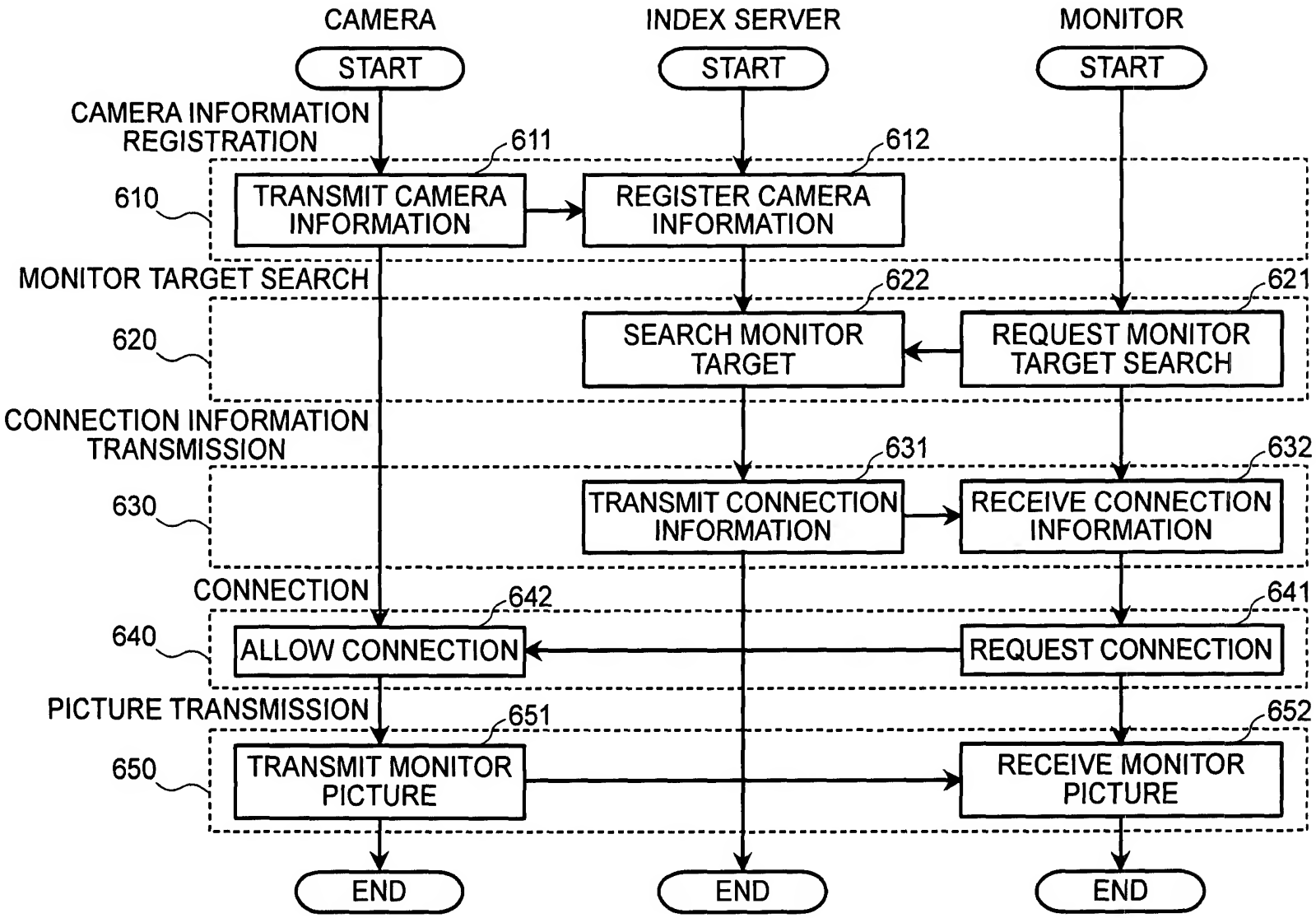

CAMERA
INDEX SERVER
MONITOR
START
START
START
CAMERA INFORMATION REGISTRATION
611
612
610
TRANSMIT CAMERA INFORMATION
REGISTER CAMERA INFORMATION
MONITOR TARGET SEARCH
622
621
620
SEARCH MONITOR TARGET
REQUEST MONITOR TARGET SEARCH
CONNECTION INFORMATION TRANSMISSION
631
632
630
TRANSMIT CONNECTION INFORMATION
RECEIVE CONNECTION INFORMATION
CONNECTION
642
641
640
ALLOW CONNECTION
REQUEST CONNECTION
PICTURE TRANSMISSION
651
652
650
TRANSMIT MONITOR PICTURE
RECEIVE MONITOR PICTURE
END
END
END

FIG.9

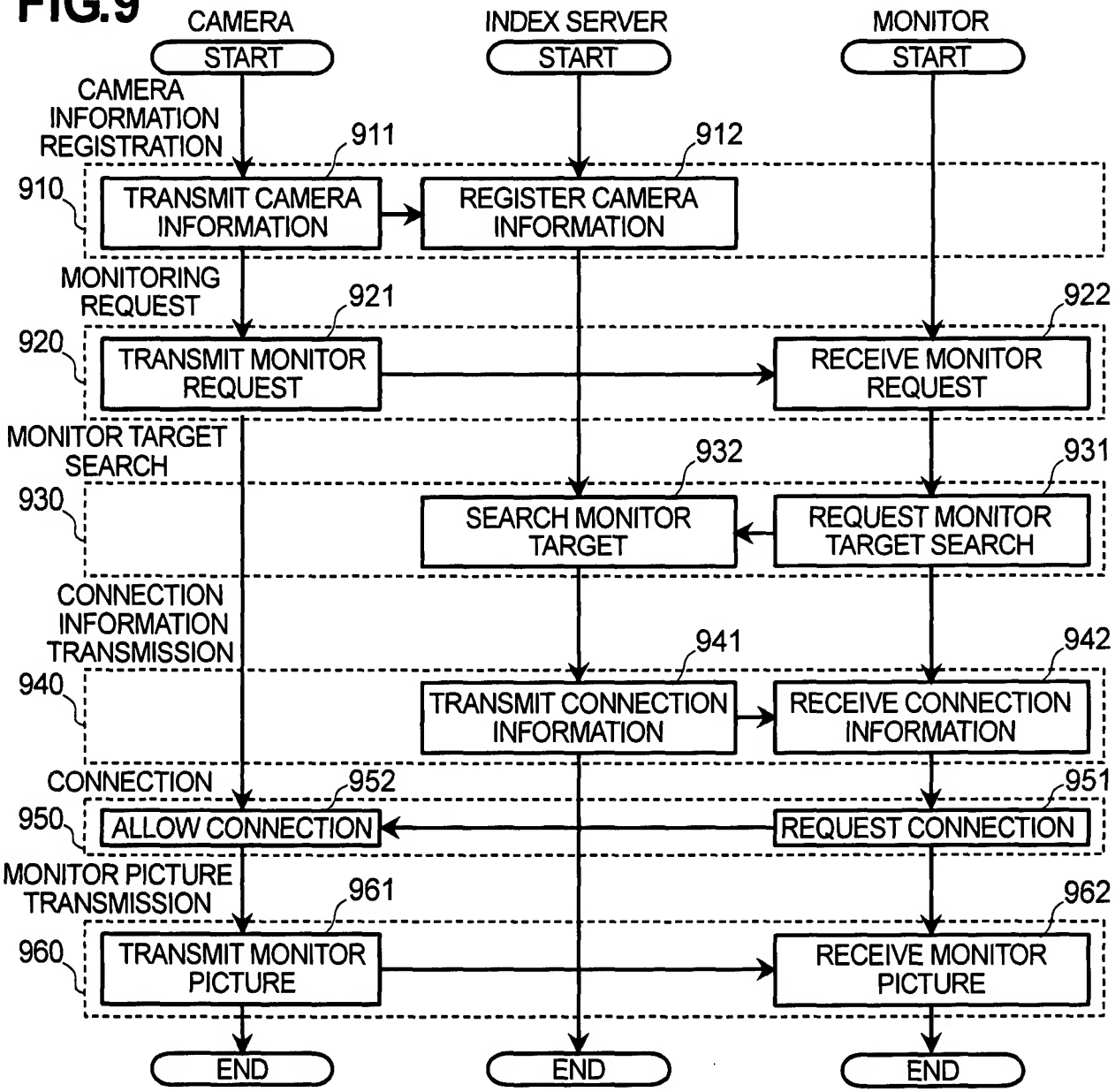

CAMERA
INDEX SERVER
MONITOR
START
START
START
CAMERA INFORMATION REGISTRATION
911
912
910
TRANSMIT CAMERA INFORMATION
REGISTER CAMERA INFORMATION
MONITORING REQUEST
921
922
920
TRANSMIT MONITOR REQUEST
RECEIVE MONITOR REQUEST
MONITOR TARGET SEARCH
932
931
930
SEARCH MONITOR TARGET
REQUEST MONITOR TARGET SEARCH
CONNECTION INFORMATION TRANSMISSION
941
942
940
TRANSMIT CONNECTION INFORMATION
RECEIVE CONNECTION INFORMATION
CONNECTION
952
951
950
ALLOW CONNECTION
REQUEST CONNECTION
MONITOR PICTURE TRANSMISSION
961
962
960
TRANSMIT MONITOR PICTURE
RECEIVE MONITOR PICTURE
END
END
END

FIG.10

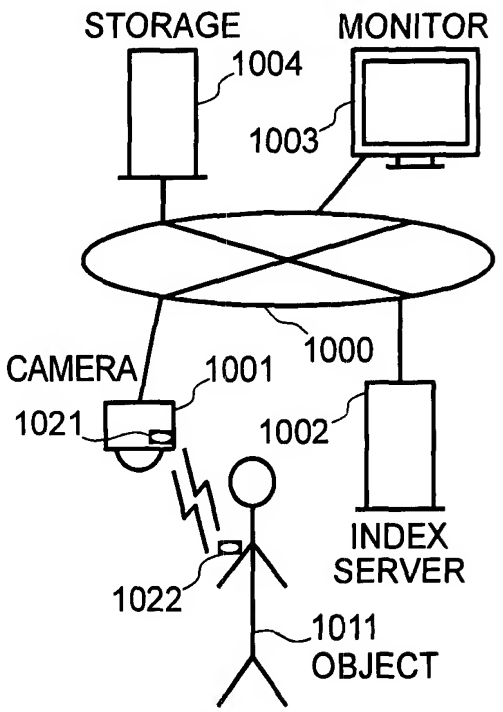

STORAGE
MONITOR
1004
1003
1000
CAMERA
1001
1021
1002
INDEX SERVER
1022
1011
OBJECT

FIG.11

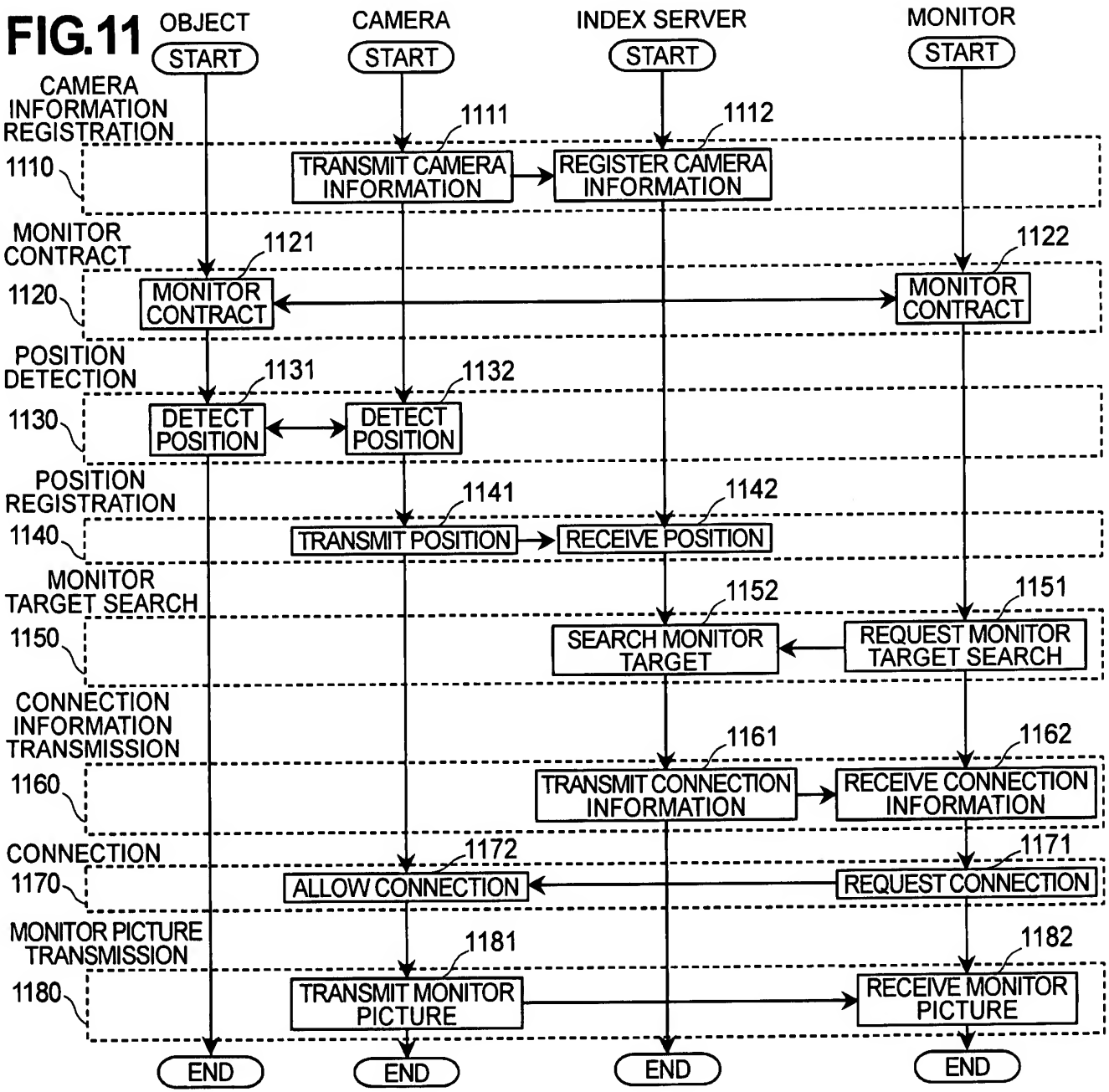

OBJECT
CAMERA
INDEX SERVER
MONITOR
START
START
START
START
CAMERA INFORMATION REGISTRATION
1110
1111
1112
TRANSMIT CAMERA INFORMATION
REGISTER CAMERA INFORMATION
MONITOR CONTRACT
1120
1121
1122
MONITOR CONTRACT
MONITOR CONTRACT
POSITION DETECTION
1130
1131
1132
DETECT POSITION
DETECT POSITION
POSITION REGISTRATION
1140
1141
1142
TRANSMIT POSITION
RECEIVE POSITION
MONITOR TARGET SEARCH
1150
1151
1152
SEARCH MONITOR TARGET
REQUEST MONITOR TARGET SEARCH
CONNECTION INFORMATION TRANSMISSION
1160
1161
1162
TRANSMIT CONNECTION INFORMATION
RECEIVE CONNECTION INFORMATION
CONNECTION
1170
1171
1172
ALLOW CONNECTION
REQUEST CONNECTION
MONITOR PICTURE TRANSMISSION
1180
1181
1182
TRANSMIT MONITOR PICTURE
RECEIVE MONITOR PICTURE
END
END
END
END

FIG.13

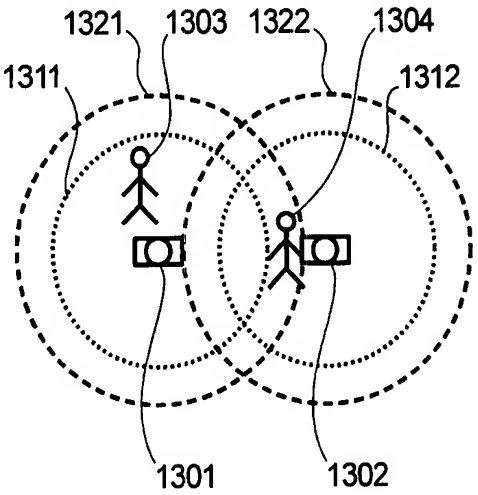

1321
1303
1322
1304
1311
1312
1301
1302

FIG.12

		1211 BUSY STREET	1212 GENERAL STREET	1213 SUBURB	1214 OTHERS	1215 EARLY MORNING	1216 DAY-TIME	1217 NIGHT-TIME	1218 MONTHLY AMOUNT
1201	COMPLETE PACK	○	○	○	○	○	○	○	¥5000
1202	SAFETY PACK	○		○			○	○	¥3000
1203	SUBURB PACK			○			○	○	¥2500
1204	NIGHT PACK	○	○	○	○	○		○	¥3500
1205	ECONOMY PACK			○				○	¥2000

FIG.14

1401	OBJECT ID	1000000001	1006734501	1009761358
1402	CAMERA ID	1000000000003	1024005970496	1045795487564

FIG.15

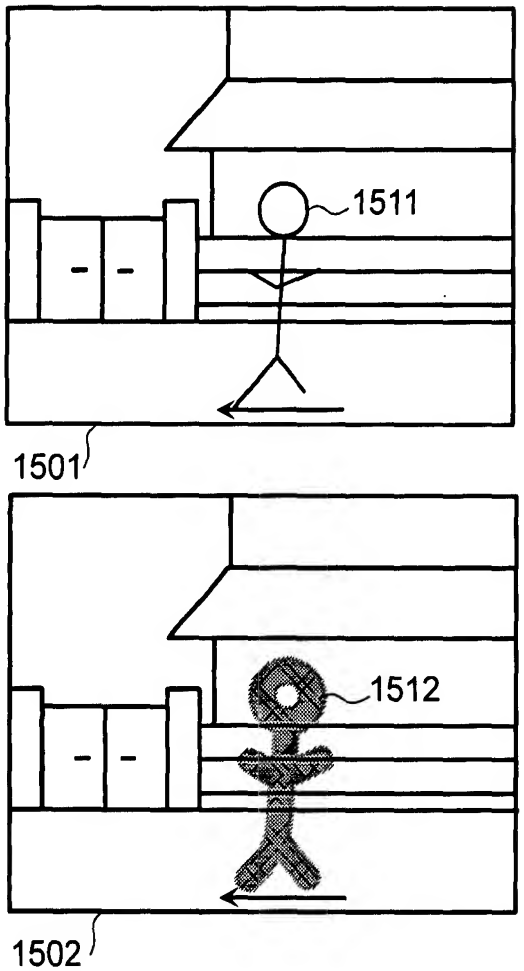


FIG.17

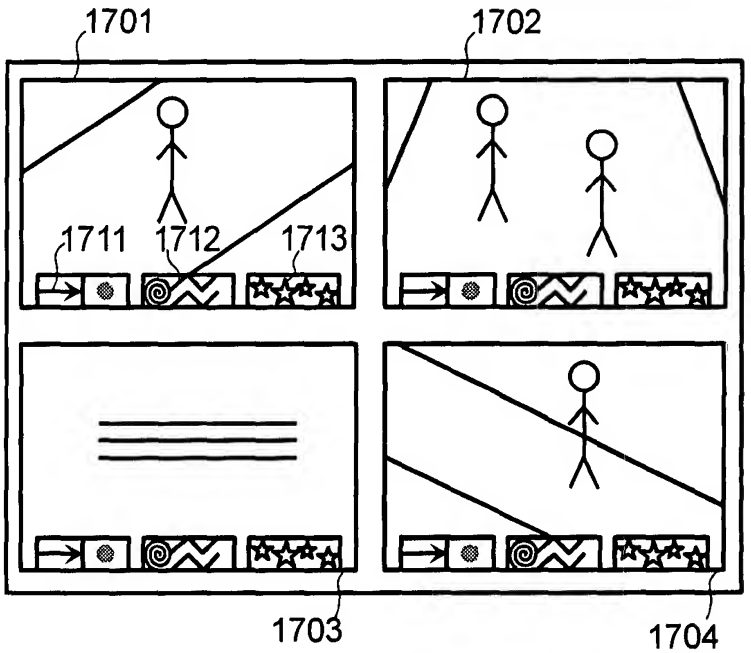


FIG.18

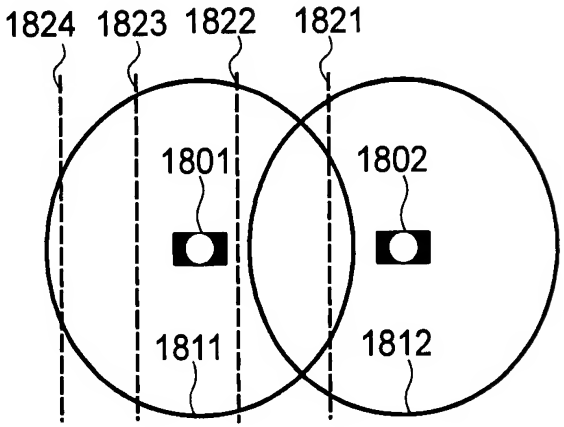


FIG.20

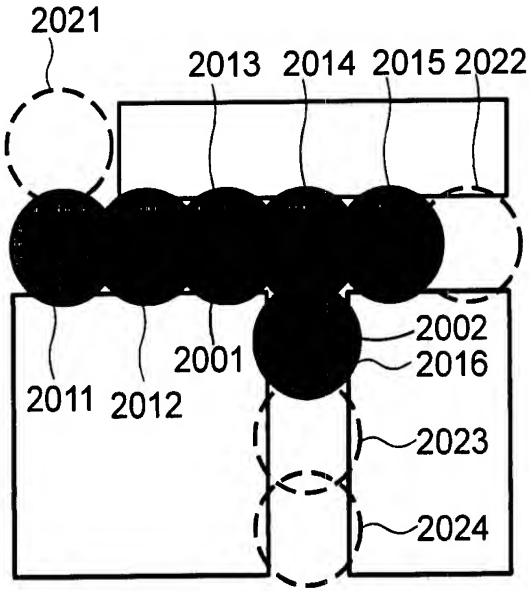


FIG.19

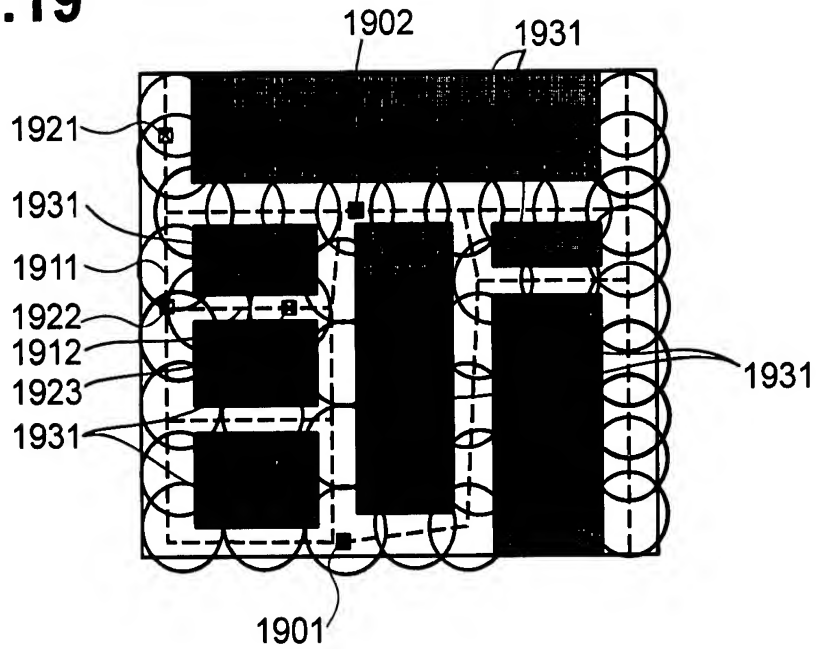


FIG.16

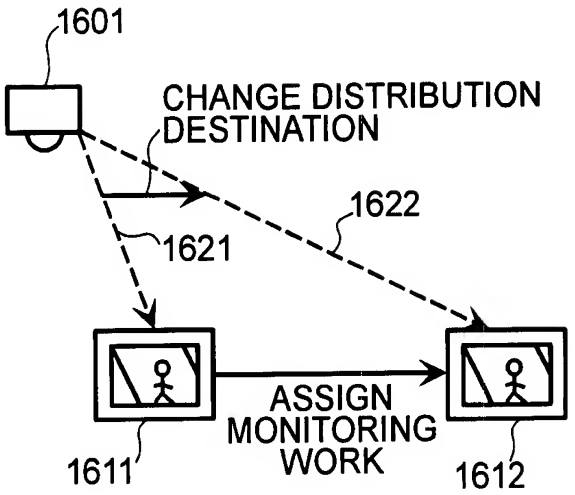


FIG.21

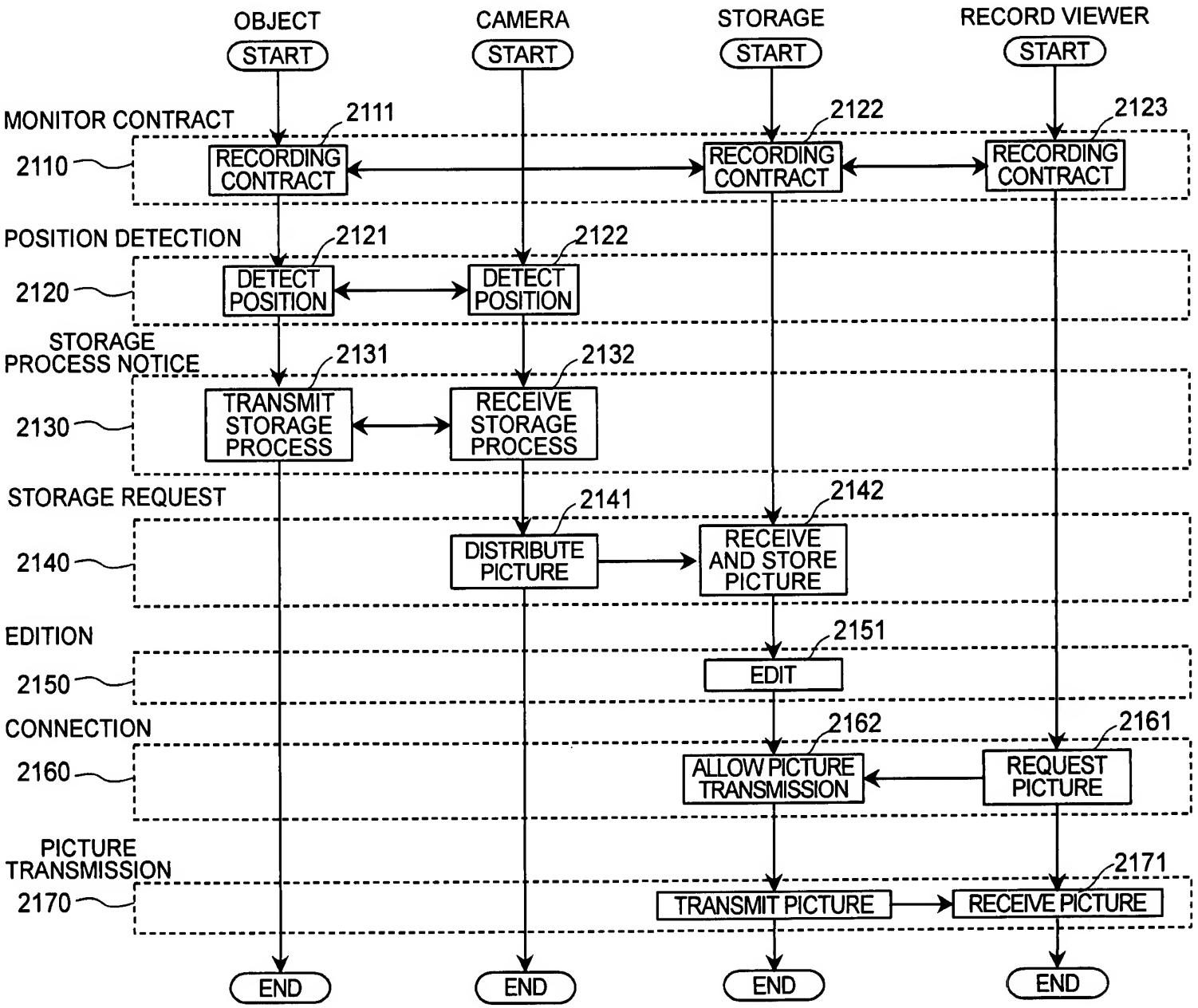

OBJECT
CAMERA
STORAGE
RECORD VIEWER
START
START
START
START
MONITOR CONTRACT
2110
2111
2122
2123
RECORDING CONTRACT
RECORDING CONTRACT
RECORDING CONTRACT
POSITION DETECTION
2120
2121
2122
DETECT POSITION
DETECT POSITION
STORAGE PROCESS NOTICE
2130
2131
2132
TRANSMIT STORAGE PROCESS
RECEIVE STORAGE PROCESS
STORAGE REQUEST
2140
2141
2142
DISTRIBUTE PICTURE
RECEIVE AND STORE PICTURE
EDITION
2150
2151
EDIT
CONNECTION
2160
2162
2161
ALLOW PICTURE TRANSMISSION
REQUEST PICTURE
PICTURE TRANSMISSION
2170
2171
TRANSMIT PICTURE
RECEIVE PICTURE
END
END
END
END

FIG.22

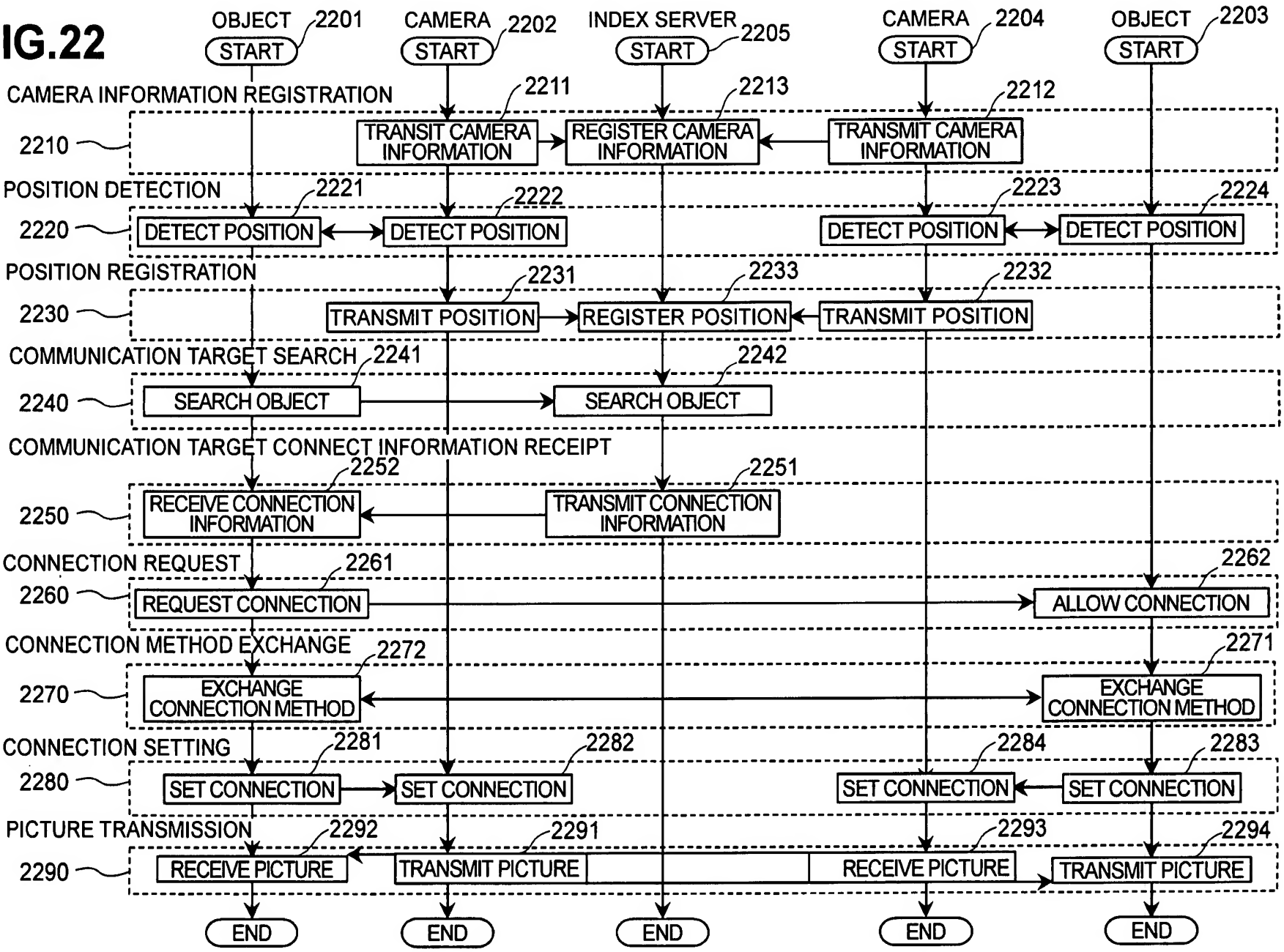

OBJECT
2201
START
CAMERA
2202
START
INDEX SERVER
2205
START
CAMERA
2204
START
OBJECT
2203
START
CAMERA INFORMATION REGISTRATION
2210
2211
TRANSIT CAMERA INFORMATION
2213
REGISTER CAMERA INFORMATION
2212
TRANSMIT CAMERA INFORMATION
POSITION DETECTION
2220
2221
DETECT POSITION
2222
DETECT POSITION
2223
DETECT POSITION
2224
DETECT POSITION
POSITION REGISTRATION
2230
2231
TRANSMIT POSITION
2233
REGISTER POSITION
2232
TRANSMIT POSITION
COMMUNICATION TARGET SEARCH
2240
2241
SEARCH OBJECT
2242
SEARCH OBJECT
COMMUNICATION TARGET CONNECT INFORMATION RECEIPT
2250
2252
RECEIVE CONNECTION INFORMATION
2251
TRANSMIT CONNECTION INFORMATION
CONNECTION REQUEST
2260
2261
REQUEST CONNECTION
2262
ALLOW CONNECTION
CONNECTION METHOD EXCHANGE
2270
2272
EXCHANGE CONNECTION METHOD
2271
EXCHANGE CONNECTION METHOD
CONNECTION SETTING
2280
2281
SET CONNECTION
2282
SET CONNECTION
2284
SET CONNECTION
2283
SET CONNECTION
PICTURE TRANSMISSION
2290
2292
RECEIVE PICTURE
2291
TRANSMIT PICTURE
2293
RECEIVE PICTURE
2294
TRANSMIT PICTURE
END
END
END
END
END

FIG.23

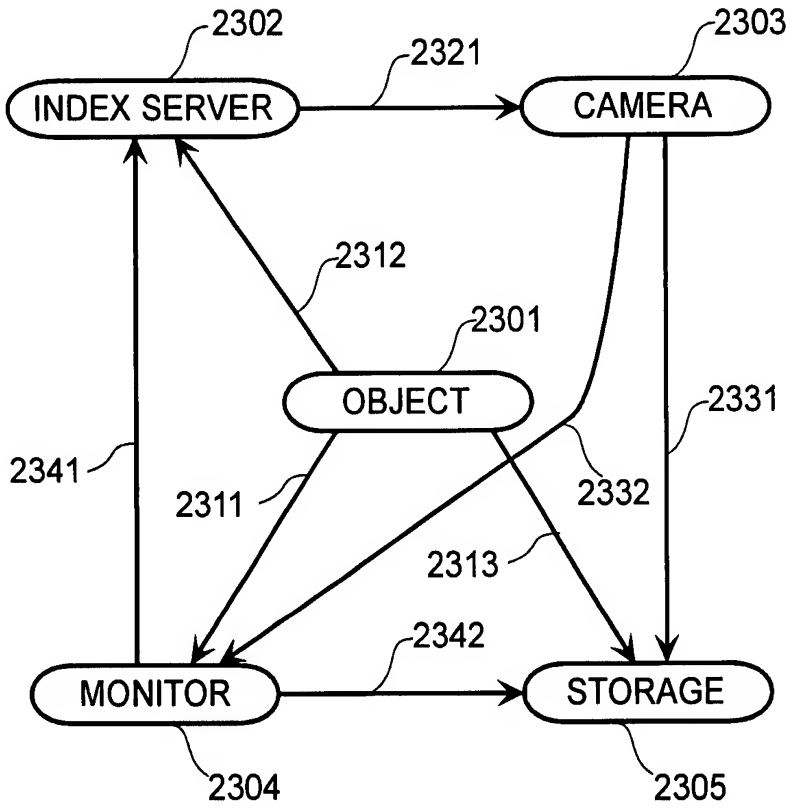
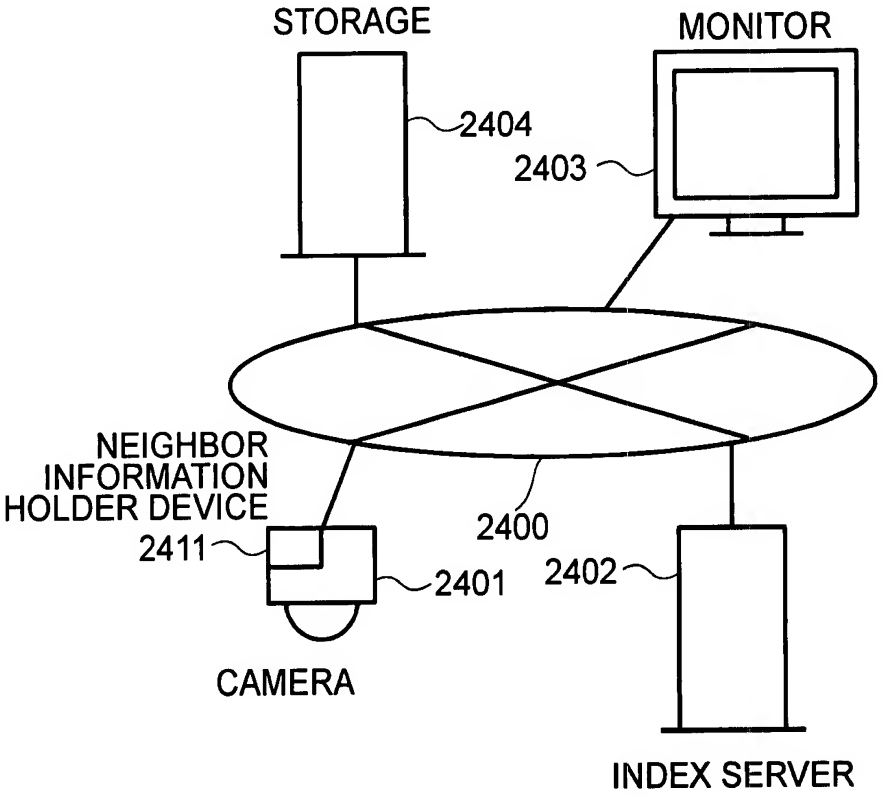

2302
2321
2303
INDEX SERVER
CAMERA
2312
2301
OBJECT
2331
2341
2311
2332
2313
2342
MONITOR
STORAGE
2304
2305

FIG.24


STORAGE
MONITOR
2404
2403
NEIGHBOR
INFORMATION
HOLDER DEVICE
2400
2411
2401
2402
CAMERA
INDEX SERVER

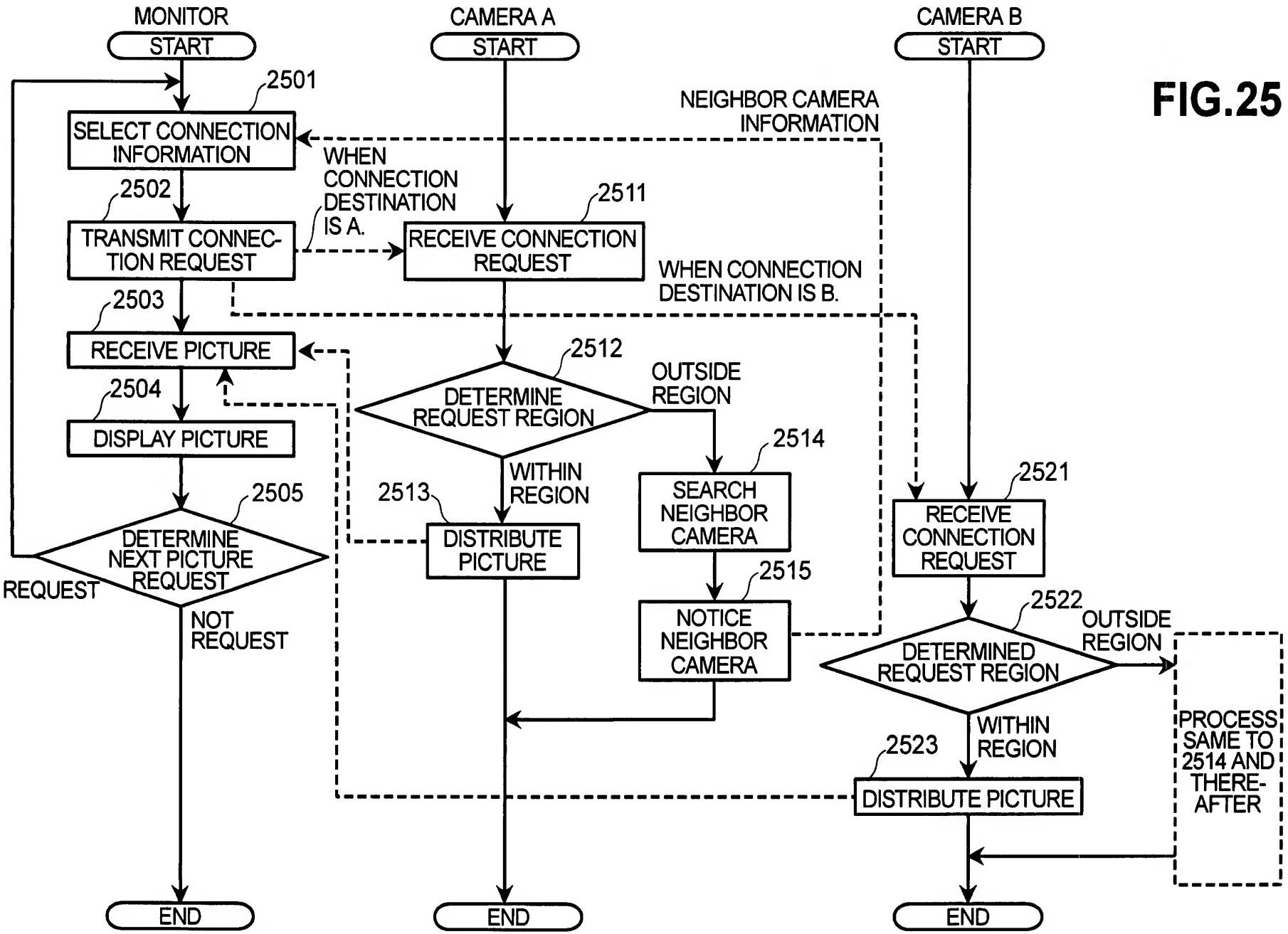
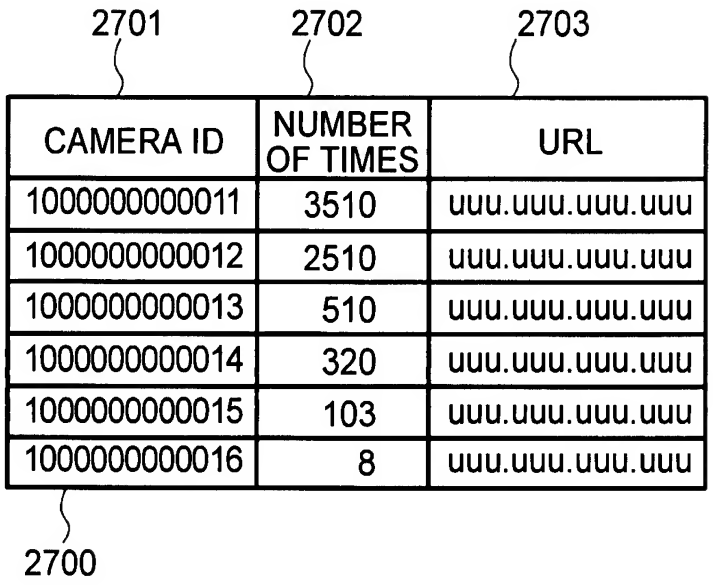

MONITOR
START
2501
SELECT CONNECTION INFORMATION
2502
TRANSMIT CONNEC-TION REQUEST
2503
RECEIVE PICTURE
2504
DISPLAY PICTURE
2505
DETERMINE NEXT PICTURE REQUEST
REQUEST
NOT REQUEST
END
CAMERA A
START
2511
RECEIVE CONNECTION REQUEST
2512
DETERMINE REQUEST REGION
WITHIN REGION
OUTSIDE REGION
2513
DISTRIBUTE PICTURE
2514
SEARCH NEIGHBOR CAMERA
2515
NOTICE NEIGHBOR CAMERA
END
CAMERA B
START
2521
RECEIVE CONNECTION REQUEST
2522
DETERMINED REQUEST REGION
WITHIN REGION
OUTSIDE REGION
2523
DISTRIBUTE PICTURE
PROCESS SAME TO 2514 AND THERE-AFTER
END
NEIGHBOR CAMERA INFORMATION
WHEN CONNECTION DESTINATION IS A.
WHEN CONNECTION DESTINATION IS B.

FIG.25

FIG.27



CAMERA ID	NUMBER OF TIMES	URL
1000000000011	3510	uuu.uuu.uuu.uuu
1000000000012	2510	uuu.uuu.uuu.uuu
1000000000013	510	uuu.uuu.uuu.uuu
1000000000014	320	uuu.uuu.uuu.uuu
1000000000015	103	uuu.uuu.uuu.uuu
1000000000016	8	uuu.uuu.uuu.uuu

FIG.26

CAMERA ID	LATITUDE	LONGITUDE	ROAD ID	ROAD POSITION	URL
1000000000011	yyy/yy/yy	xxx/xx/xx	100000001	xxxxxxxxmm	uuu.uuu.uuu.uuu
1000000000012	yyy/yy/yy	xxx/xx/xx	100000001	xxxxxxxxmm	uuu.uuu.uuu.uuu
1000000000013	yyy/yy/yy	xxx/xx/xx	100000001	xxxxxxxxmm	uuu.uuu.uuu.uuu
1000000000014	yyy/yy/yy	xxx/xx/xx	100000001	xxxxxxxxmm	uuu.uuu.uuu.uuu
1000000000015	yyy/yy/yy	xxx/xx/xx	100000002	xxxxxxxxmm	uuu.uuu.uuu.uuu
1000000000016	yyy/yy/yy	xxx/xx/xx	100000002	xxxxxxxxmm	uuu.uuu.uuu.uuu

2600